

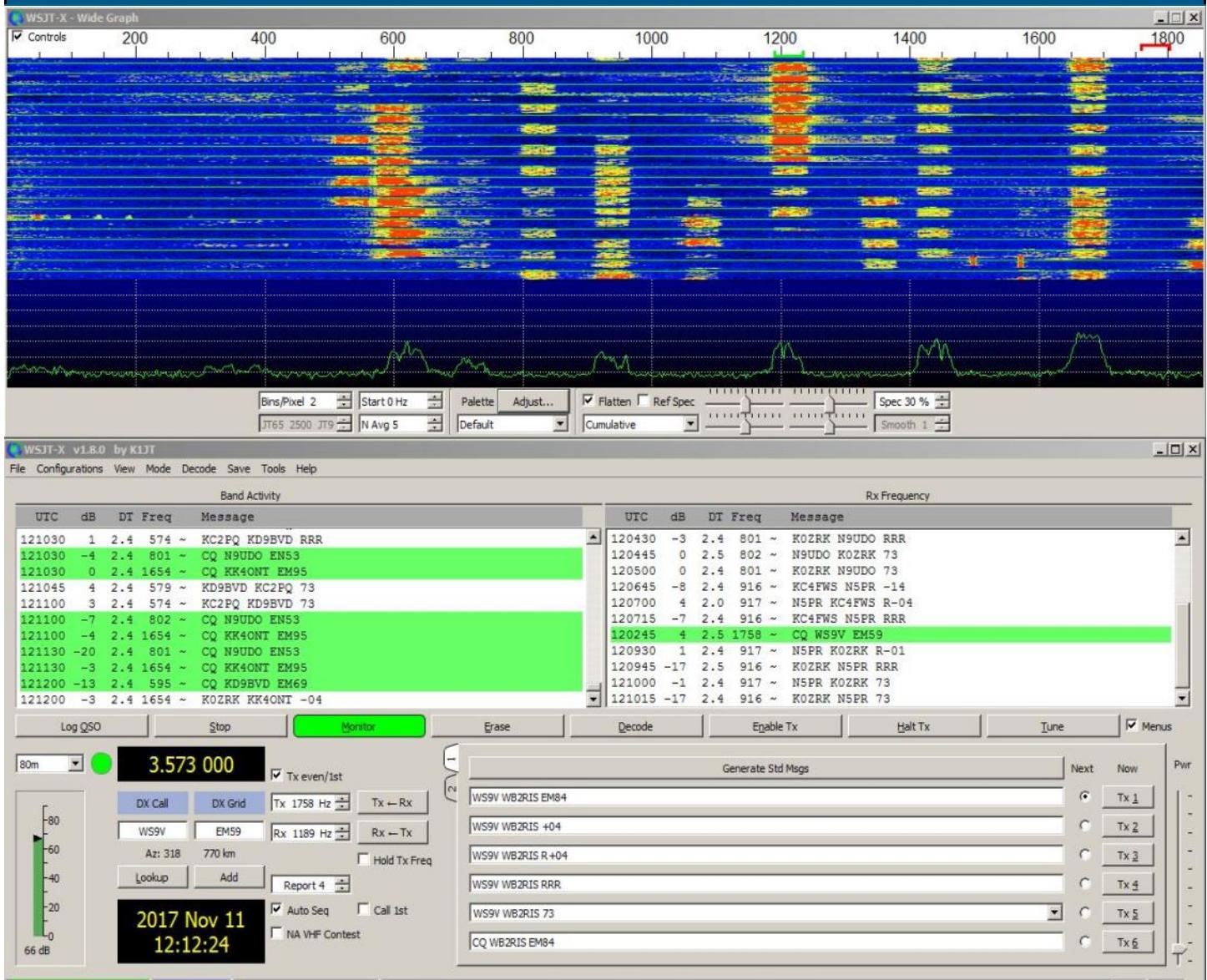


The GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
November 2017 <http://www.gars.org/> Volume 26, Issue 11



November GARS Speaker: Ray Bailey, N4GYN



Topic: Digital Modes (Above: FT8 mode on WSJT-X)

GARS November Meeting and Workshop

Digital Modes

By Ray Bailey, N4GYN

Powerpole Connectors

Tuesday, November 14, 2017 7:00 pm

Tuesday, November 21, 2017 7:00 pm

Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045

[Directions to EAA Hangar](#)

INSIDE

Member QRZ Pages	Pg 3
GARS Christmas Party	Pg 4
HamJam 2017	Pg 5
Beginner's Corner	Pg 6
Fresh on the Air	Pg 7
Catalogs	Pg 8

GARS Communications

2 Meter Repeaters 147.075(+) MHz Tone 82.5 147.255(+) MHz Tone 107.2	6 Meter Repeater 53.110 (-1 MHz) No Tone (Offline for Maintenance)
1.25 Meter Repeater 224.580(-) MHz Tone 100.0, 1.6 MHz Offset	Other Resources: <u>APRS</u> 144.390 -- 1200 Baud W4GR
70 Cm Repeaters 444.525(+) MHz Tone 82.5 442.100(+) MHz Tone 100 442.325(+) MHz Tone 100	D-Star WD4STR 145.060 + (1.4 MHz) 440.550 + (5 MHz)

**Don't forget
to support our
advertisers at the
back of the
GARzette.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Norm Schklar, WA4Z XV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>
Newsletter Editor: editor@gars.org Bill Eggers—WB2RIS 470-238-9603



Member QRZ Pages

For a few months we will be featuring the QRZ page of various members of GARS.

This month we are featuring the QRZ page of :

WB4QDX - John Davis

When you click on the link below you will find this picture.

<http://qrz.com/lookup/WB4QDX>

Read the notes and get to know him better. You'll be glad you did.

Here is an excerpt from the page:



I started in Amateur Radio as a Novice in 1969 as WN4QDX in Nashville, TN. Upgrading to General then Advanced as WB4QDX, I was active on HF and VHF working with RTTY and repeaters. Moving to Atlanta in 1981, I stayed active on VHF and UHF operating mobile and portable building and operating repeaters. I upgraded to Extra in 2001.

I operate an Icom IC-7300 and an IC-7100 in the shack on SSB, PSK31, D-STAR and CW on HF and an ID-5100A with D-STAR for VHF, UHF suburban Atlanta and help with most of the other D-STAR repeaters around Georgia.

I'm a member of the Gwinnett Amateur Radio Society (GARS). I am active in EmComm and ARES as an ASEC for the Georgia Section. I previously served as Emergency Coordinator in Gwinnett County, GA for seven years and the Treasurer and Georgia Vice Director for the SouthEastern Repeater Association.

Watch for another featured GARS member QRZ page in next month's GARzette!

News, Press Releases, & General Interest

See GARS member Ruth, KM4LAO on the ARRL Licensing, Education and Training Web Page!

The screenshot shows the ARRL website's "Licensing, Education & Training" section. The top navigation bar includes links for Home, On The Air, Licensing, Education & Training, Membership, Regulatory & Advocacy, Public Service, Technology, Get Involved, ARRL Store, About ARRL, and News & Features. The "Licensing, Education & Training" menu is expanded, showing sub-links for On The Air, Licensing, Education & Training, What is Ham Radio, Getting Licensed, Get on the Air, FCC License Info and Forms, Volunteer Examiners, Courses & Training, Volunteer Instructors/Mentors, Amateur Radio in the Classroom, College Students and Educators, License Certificates, Membership, Regulatory & Advocacy, and Public Service. The main content area features a "Be a Radio Amateur" section with a photo of two young people at a table, and a sidebar for "ARRL Books, Gear & More!" with links to the ARRL Ham Radio License Manual 3rd Edition, ARRL Ham Radio License Manual Spiral Bound, ARRL's Tech Q&A 6th Edition, and ARRL's General Q&A 5th Edition.

GARS Christmas Party

This year's GARS Christmas Party will be December 1 at the EAA hangar.

6:30—Doors open
7:00—Dinner until 8:00
8:00—Activities until 8:40, +/- QRM

Activities will include: games and competitions, a short meeting, presentations by Joe AD4PZ and others, announcement of Ham of the Year award, and wrap up 2017. If you didn't signup for the meal you may arrive after 8 pm for the party and activities.

Entertainment will be provided by Walter Beal, KM4AAJ. He will take your requests for songs . So that he may have enough time to practice, please email requests to Sandy KJ4DRO at KJ4DRO@gmail.com and she will pass them onto Walter.

Competitions will include, depending on participation:

- ♦ Ugly Sweater— Wear your ugliest sweater with pride, and you just might win a prize!
- ♦ Table Decorating—Design your theme, bring decorations for your table and show off your decorating skills to GARS!

If you wish to decorate your table, please contact Sandy KJ4DRO at KJ4DRO@gmail.com and she will provide instructions on how and when you can prepare your table.

We're sure you'll have fun at the GARS Christmas Party, and we hope to see you there!

73, *Bill* WB2RIS





HAMJAM 2017

It's All About Youth!

Saturday - November 11, 2017- 8:00am - 1:00pm **VE Session: 8 AM**

Mill Springs Academy (WA4MSA) - 13660 New Providence Road - Alpharetta, Georgia 30004

Presented by the North Fulton Amateur Radio League

Endorsed by

SouthEastern DX Club - Alford Memorial Radio Club - Cherokee Amateur Radio Society - Atlanta Radio Club
North Georgia QRP Club - Chattanooga Amateur Radio Club - Silver Comet Radio Club
Gwinnett Amateur Radio Society - Sawnee Amateur Radio Society - Kenneehoochee ARC

HamJam Sponsors

FlexRadio - ICOM - Elecraft - Kenwood - Yaesu - SteppIR - Ham Radio Deluxe - ARRL - BuddiPole - Begali -
Vibroplex - The Daily DX - The DX Magazine - MFJ - Diamond Antenna - LNR Precision - CQ Magazine -
DX Engineering - Ham Radio Outlet - ACK Radio

NFARL and our sponsors are pleased to present an event to raise funds that will be used to encourage youth to get involved in Amateur Radio and its related STEM education activities.

The event is open to all and it is FREE to attend, thanks to our sponsors and your generosity in purchasing raffle tickets. Raffle prizes now total nearly \$8,000, including 4 HF transceivers!

Bringing World Class Speakers to Atlanta since 2009!

And we are now pleased to announce that **Tom Gallagher, NY2RF, ARRL CEO**, will be kicking off HamJam 2017 with a short address to conference attendees via Skype.

Presentations begin at 9AM and we welcome this year's on site speakers:

Ward Silver N0AX, St. Louis, MO, author of numerous amateur radio books and articles, including the ARRL Handbook and Ham Radio for Dummies. He was the Dayton Hamvention Amateur of the Year in 2008. Ward will be speaking on "**Radiosport – Your Ham Radio Fitness Center.**"

Bob Schmieder KK6EK, Walnut Creek, CA, participated in (or led) 16 Dxpeditions over the years. He led the 2017 DXpedition of the Year to VK0EK, Heard Island. Bob will share his thoughts on "**The Future of DX.**" He is a research physicist, with about 100 publications and 4 patents.

Coming from Hartford, CT, **Dan Henderson N1ND**, and **Daniel Davis**, a member of the Board of Directors of the ARRL Foundation, round out our list of speakers. Dan Henderson is the Manager of Regulatory Information and Staff Liaison to the ARRL Legislative Action Program. Dan and Daniel will be speaking on "**Movers and Makers – Reaching the Next Generation of Amateurs.**"

Raffle tickets are available for a \$5 donation per ticket (or 5 tickets for \$20) and will be available at the Stone Mountain HamFest, at many endorsing club meetings, and even at HamJam itself. You may also purchase tickets at the NFARL online Mart. Go to www.nfarl.org to purchase.

You need not be present to win raffle prizes.

HamJam Benefits Youth Programs! 100% of net proceeds from HamJam apply to NFARL youth, education, scholarships, materials, and STEM activities ONLY!

Support HamJam and Youth Programs today by purchasing your raffle tickets.

Check details and current list of raffle prizes at www.hamjam.info

10/15/2017

Beginner's Corner

This is a Football

The Green Bay Packers had a miserable year in 1961, according to an internet article. When the Packers started training for the next season, legendary coach Vince Lombardi started his team from scratch. Holding up a football in his hand, he said, "Gentlemen, this is a football."

Okay, but what does this have to do with amateur radio? Plenty. Just as Vince Lombardi took his team back to the basics, we as amateur radio operators must go back to the basics from time to time, so we do not forget the fundamentals of our hobby. Those of us in emergency communication, and I hope we all will be involved in being ready to communicate in emergencies.

"Well, how do we get back to the basics," you may ask, when you just got into the hobby. Do you remember when you first passed your test and bought your first radio? "How do I get it to work?" you probably had a mentor, an Elmer as they are called in ham radio land. He or she was hopefully a great help in getting you started.

"Manual, we don't need no stinkin' manual!" This is a phrase that is heard frequently by those who encounter new equipment, radio oriented or not. The point is that the manual that comes with your radio (except for some of the Chinese radios) is a good place to learn how your radio works and what it can do. My belief is that we need to read the manual, re-read the manual, and then read it again. We should keep reading it from time to time. Sooner or later, we will become masters of just what our radios can and can't do.

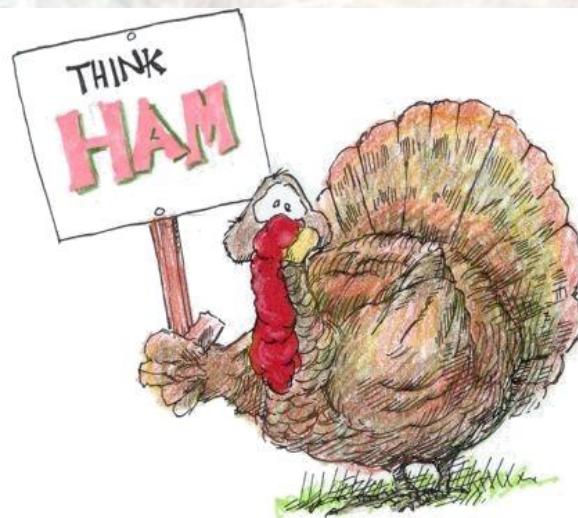
I remember re-reading the manual for my communications receiver that I have several times. It was like having a refresher course. I relearned some of the special features that my radio had. Wow, my radio can do this! Now I have several of the more expensive and technical radios for my amateur radio enjoyment. I have learned the basics of my radios but continue to read and reread the manuals so I can make full use of all the features they have.

Here's another way to get back to the basics. Hopefully you still have the license manual you used to study for your ham radio tests, if you did use one. How about reading them again? I go to a web site where they ask questions from the FCC license manuals frequently. Going back to look up the answers has become a way for me to refresh my memory.

Sometimes reading a book isn't all that exciting. There is a more entertaining way to get back to the basics. George Thomas and Tommy Martin do a webcast called "Ham College", <http://www.hamcollege.tv/>. You can download the episodes or watch them on line. At the time of this writing, they have completed the Technician class test and are working on the General class. Watching Ham College is a fun and entertaining way to review what you learned for your license test.

Getting back to basics, a fun way to learn about our favorite hobby!

73 de *David Harden, KJ4CMY*



Fresh On The Air

Adventures for the New and Beginning Ham 73, 88 and a Rubber Duck: Our Vocabulary for the New Amateur

Like any other industry or hobby we, in the Amateur Radio Service, have always had our own way of communicating and use words and phrases that outsiders do not understand. Amateur slang has evolved from the very first days of CW communications into our own distinct vocabulary. For new Amateurs it can seem very much like a foreign language.

The origins of many of these expressions are either established in pure fact or are so ambiguous that many legends exist about them. As such, I won't discuss their origins but will attempt to explain their meanings. Of course, if you really want to know where they came from, please feel free to surf the Internet and believe the explanations as you so choose.

73 – Best regards, sincerely, or yours truly. "73, John. Talk to you tomorrow."

88 – Love and kisses. Aw, so sweet. Used between two or more Amateurs who may be romantically involved, such as a boyfriend and girlfriend, husband and wife, or other similar partners. "88 Babel!" It's absolutely critical that you never get 73 and 88 mixed up! Ever!

Alligator – When you do the very bad thing and time out the repeater because you talk way too long. Commonly referred to as the alligator biting you.

Antenna Farm – A large piece of land with lots, and I mean lots, of Amateur Radio antennas on it. You can spot these from miles away. We Amateurs love to grow antennas.

Antenna Party – A get-together by a bunch of Amateurs to erect antennas or towers at an Amateur's residence.

Barefoot – Transmitting without using an amplifier. The output power is from the radio itself. For instance, HTs normally run "barefoot" producing 4-8 watts of transmit power.

Boat Anchor – Old or antique Amateur Radio equipment that, due to design, is very heavy and awkward.

Candy Store – An Amateur Radio dealer, so named as Amateur equipment is like candy to us – sweet, desirable, yummy and addictive.

Eyeball – Having an in-person meeting or contact with someone. "I'm going to eyeball John at the candy store on Saturday."

Fist – No, not what you think! This refers to an Amateur operating CW who hits the keys very very hard. A particular type of CW operating style.

Hi Hi – Means you are laughing or giggling. "Hi hi, Bob, that's a good one."

Homebrew – Non-commercial equipment that you build yourself, even if from a kit.

Kerchunk – Keying up a repeater without modulating it or identifying. This is done by some Amateurs just to see if they can hit the repeater. Actually doing this is illegal as you are transmitting without identifying. Why not just key up, identify and say that you are testing. I mean, really?

Key Up – To transmit on your radio, for instance, to key it up.

Landline – The regular ordinary everyday telephone line in your house or business that eventually leads back to some cables or wires.

LID – Refers to an Amateur with exceedingly poor operating practices, manners or attitude.

Linear – An amplifier that increases the signal output of your radio, going in between the radio and the antenna.

Machine – Usually refers to a repeater. "Hey, heard you on the Tattonville machine this morning."

Magmount – The magnetic mount antenna mount usually used to mount a mobile antenna to a vehicle roof or trunk.

Net – A group of Amateurs who meet on a specific day of the week on a specified frequency or repeater at a certain time of the day. A net control station is one Amateur who calls the net to order,

acknowledges stations entering and leaving the net, and gives permission for the stations to transmit.

Nets can be as general or specific as need be such as an ARES net or a homebrewers net.

OM – Old Man. Buddy, friend, pal.

Patch – Short for Autopatch, where the landline network is connected up to a repeater and stations can use the DTMF keypad on their radios to make telephone calls over the air.

Pileup – Refers to multiple stations calling one particular station. For example, many Amateurs trying to talk with a celebrity Amateur at the same time, or trying to talk with a station needed in a contest or on a remote DXpedition.

Pull the Plug – Means to shut down or turn off the station or get off the radio.

Radio Check – An Amateur who desires a report on his own station's signal strength and audio quality will call for a "radio check" over the air.

Ragchew – Informal chat over a simplex or repeater frequency between two or more Amateurs. Shooting the breeze.

Reading the mail – Listening without transmitting. Having the radio on and just listing to the various QSO's that happen.

Rig – Means your radio. "Just got me a new dual band rig today."

Rubber Duck – Not related to the singer C. W. McCall, but refers to the rubberized whip antenna that comes with handheld radios (HT's).

Shack – Where an Amateur Radio station is located. It could be a room, garage or even a real shack in the backyard!

Silent Key (SK) – Name given to an Amateur who has departed this earthly realm and has passed on.

Ticket – Your Amateur Radio license, operating certificate, or other authorization of Amateur legitimacy.

Traffic – Refers to a message or several messages sent by radio between Amateurs.

Wallpaper – Back in the day many Amateurs collected so many QSL cards that when they were mounted on the wall it was entirely covered.

YL – Refers to a young lady or Amateur's girlfriend.

XYL – Ex young lady, or more affectionately known as "The Wife!" Always used with some type of fear in the voice.

You won't hear some of these words and phrases very often, but when you do you will know exactly what is being meant and know how to use the word or phrase yourself. So it's time to pull the plug on this column and go back to the XYL who is waiting patiently for me, hi hi.

– 73 from the shack and catch you all next time

Phillip Boucher, VE3BOCE: phillipiboucher@gmail.com www.phillipiboucher.com

Reprinted from May 2017 TCA (The Canadian Amateur)

Catalogs are About Possibilities

By Dan Romanchik, KB6NU (Source: October 2017 column in KB6NU Newsletter, sent to GARzette Editor)

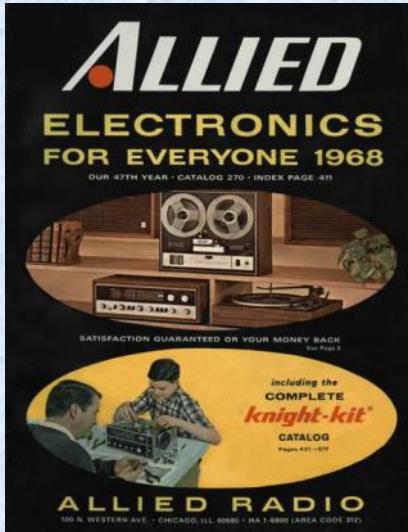
When I was a kid, I used to regularly get catalogs, such as the Allied Radio and Lafayette Radio catalogs shown below, and pore over them for hours. Even if I couldn't afford to buy the latest Knight-Kit or Lafayette shortwave radio, I could imagine what it would be like. These catalogs were chock full of possibilities.

I spent many hours pouring over the Allied and Lafayette catalogs as a kid.

These two are from 1968, when I was 13 years old.

So, you can imagine how I felt when, last Thursday, I found both the Autumn/Winter 2017 DX Engineering catalog and the 2018-2019 Newark Electronics/element14 catalog in my mailbox.

DX Engineering has really taken the amateur radio world by storm over the last ten years or so. I probably don't have to tell you about that. If you're an active amateur radio operator, I'm sure that you have heard about—and probably ordered from—DX Engineering.



I think that DX Engineering did a very smart thing by investing the money in a print catalog. There's something about browsing a print catalog that is just more satisfying than browsing online.

DX Engineering has just about everything you need to have fun with amateur radio. The one glaring omission? They still don't carry my study guides!

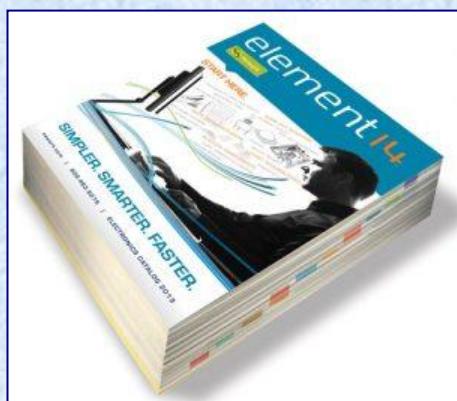
The Newark/element14 2018-2019 catalog is a completely different beast. Amateur radio operators are only a small part of Newark/element14's market, but one nonetheless. They have, for example, attended the Dayton Hamvention for many years.

As such, the catalog is not a "ham radio" catalog, but if you build stuff at all you'll find something of interest in its 1,799 pages. It includes nearly any kind of electronic part that you might need.

The section that might you might want to start with is the "makerspace" section. In this section, you'll find Raspberry Pi's, BeagleBones, and even micro:bits. They really have everything, though, including passive and active components, connectors, cable, and enclosures.

Like I say, these catalogs are all about possibilities. You can search each company's website and find the parts they carry quickly and easily, but that experience is just not the same as browsing a print catalog and daydreaming about what you might find there.

So, get your own copies—they're free—and page through them. I'd be surprised if you didn't run across something that you didn't know about before, and it gave you some ideas about your next amateur radio project.



Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only fifteen primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Norm - WA4ZXV	Kyle - W4KDA	Mitch - N0DIM
Ruth - KM4LAO	Hal - W4IGE	Don - KW4AL
Ray - N4GYN	Sandy - KJ4DRO	John - WB4QDX
Bill - KK4AUA	David - KK4KAF	Kevin - KK4WOG
Chuck - KK4TKJ	Mike - KK4KHS	Donna - KM4FMW

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club.

The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager

GARS Membership Page

New GARS Members in October

Paul Evans (KN4GZD)

Fisher Londono (KN4FWN)

Richard Mclearney (KA4RBL)

Stephen Morgan (KN4FZA)

Brent Woodman (N2BAB)

New Members: 5

Total Members as of November 1, 2017

287

Join GARS members for our weekly breakfast gathering at 7:30 AM most Saturdays

at

**Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043**

[**\(Directions\)**](#)

The following members are celebrating birthdays in November:

**HAPPY BIRTHDAY!!
From All of Us at GARS**

John Bachtel (NR4JB)

Tommy Broom (K4THB)

Lasburne Colquhoun (KK4IQG)

Kenneth Dalton (KI4BQS)

Paul Evans (KN4GZD)

Eddie Geike (AK4WM)

William Grube (KM4NIM)

John Kludt (K4SQC)

Karen Kregel (KC6JCX)

Al Ludwick (NN4ZZ)

Andrea Lynch (KM4OKX)

Louis Manglass Jr (NY4F)

Nick Nikley (N0NCQ)

Andre Steyn (W7ALS)

Robert Stranyak (KK4KIL)

Stephen Urmano (WB2AKH)

James Webb (W4NTA)

William Wisenburg (KM4ONE)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ



BSA Venture Crew 73 Wants You!

Venture Crew 73 is for you.

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ Camping
- ◊ Hiking
- ◊ Horseback Riding
- ◊ Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

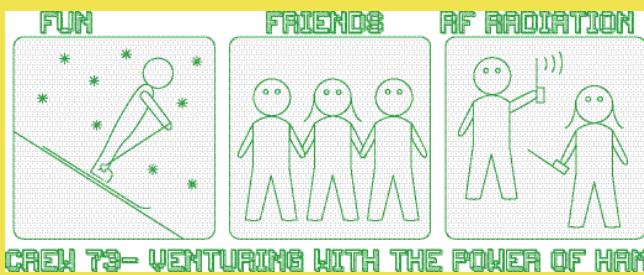
Venture Crew 73 Committee Chairman
Phone: 770-712-9069

E-mail: committeechair@venturecrew73.org

Kevin McClure, KF4HFN

Venture Crew 73 Advisor
Phone: 706 318 2519

Email: advisor@venturecrew73.org



G A R S Officers and Committee Chairs

Mike Weathers President	ND4V	
Rick Cobb Vice President	N4XYY	
Leland Ford Secretary	K9SDR	
Sid Weaver Treasurer	N4NQ	
Paul Kelley Program Manager	W4KLY	
Karen Albritton Membership Chair	KI4HPP	
Dave Bruse VE Team Leader	W4DTR	
David Adcock Webmaster and Field Day Chair	KA4KKF	
Dorothy Jubon Public Information Officer	N2DLJ	
Ralph Pickwick Apparel Manager and Education Chair	KJ4CNC	
Neal Gilchrist TechFest Chair	W4HNG	
Bill Eggers GARzette Editor	WB2RIS	
Bill Cherepy W4GR Trustee	WB4WTN	
Eddie Foust Repeater Chair	WD4JEM	
Mike Weathers WAS-Checker and Historian	ND4V	
Chuck McCord Net Manager	KK4TKJ	
Mike Swiderski Technical / RFI Advisor	K4HBI	
Mitch Matteau Winter Field Day Chair	N0DIM	
Pam Meridy GA QSO Party Chair	WB1AKQ	
Kyle Albritton Multimedia Chair	W4KDA	

DIRECTORS

Kyle Albritton	W4KDA	
David Adcock	KA4KKF	
Norm Schklar	WA4ZXV	

EXTRA! EXTRA!

Repeater Status

6M	currently down
147.075	Operational in Snellville
147.255	Operational in Snellville
224.580	Operational in Grayson
442.100	Operational at Goshen Springs
442.325	Operational in Buford
444.525	Operational in Snellville
	Link remote receivers being added

Link remote receivers being added

OCTOBER MEETING MINUTES

President Mike Weathers, ND4V called the meeting to order at 7:04pm. First time visitors, new members, and ticket upgrades were acknowledged. Introductions were given. Attendance: 65

General Business

Treasurer Sid Weaver, N4NQ, gave the treasurer's report. Motion was made and seconded to accept the Treasurer's Report. Motion passed by unanimous consent. Membership Chair Karen Albritton, KI4HPP, gave the membership report. GARS now has 292 members.

Program Chair Paul Kelley, W4KLY, mentioned that our speaker for November will be our own Ray Bailey, N4GYN. He will be presenting a program on digital modes. FT8, a new very popular HF mode, will be discussed.

Upcoming Events

Dave Bruse, W4DTR reported that this month's training workshop will be held Tuesday October 17 at the EAA hangar. Facility will open at 6:30PM and meeting starts at 7:00PM. It will be on radio programming. Bring your radios to be programmed.

Steve Back, WB2OGY reported that Jamboree on the Air will be held October 21 at VFW Hall in Lawrenceville. Operators and helpers are needed.

John Kludt, K4SQC reported Ham Jam is coming up Saturday Nov 11 at Mill Springs Academy. Ward Silver will be speaking about the radio sport. Bob Schmieder, Heard Island DXpedition leader will talk about the future of DXpeditions. Dan Henderson from ARRL will talk about Maker Fairs and Movers and how the league is trying to attract more young people to the hobby. No attendance fee. Lots of prizes.

Norm Schklar, WA4ZXV reported that Maker Faire is coming up on Sunday October 22. Will be at the Railroad Depot next to Underground Atlanta.

Education Chair, Ralph Pickwick, KJ4CNC reported that a Tech level Ham Cram is coming up on October 14. You can get your Tech License in a day. Four seats left.

Stone Mountain Hamfest is coming up Nov 4 and 5. Focus is on emergency communications. Volunteers are needed.

Program

Hal Kennedy, N4GG, presented an outstanding program on Antenna Facts, Myths & Tips. If you missed the program it will be available on the GARS YouTube channel.

Meeting concluded at 9:09pm.

73, *Leland*, K9SDR, Secretary



GARS on Social Media



Join the GARS Yahoo Group:
<http://groups.yahoo.com/neo/groups/gars/info>



Visit GARS on Facebook:
<http://www.facebook.com/groups/315255321681>



Join GARS on YouTube:
<https://www.youtube.com/channel/UCAGLc7omnG0uihWunbcUsFw>



Follow GARS on Twitter:
https://twitter.com/GARS_Hams

ARRL CONTESTING INFO

From ARRL Contest Calendar

> For more information click the links <

November 2017

- 4-5 [EME - 50 to 1296 MHz](#)
4-6 [Nov. Sweepstakes - CW](#)
18-20 [Nov. Sweepstakes - Phone](#)

December 2017

- 1-3 [160 Meter](#)
9-10 [10 Meter](#)
17 [Rookie Roundup-CW](#)

2018

January 2018

- 1 [Straight Key Night](#)
6 [Kid's Day](#)
6-7 [RTTY Roundup](#)
17 [January VHF Sweepstakes](#)

February 2018

- 12-16 [School Club Roundup](#)
17-18 [International DX – CW](#)

March 2018

- 3-4 [International DX– Phone](#)

April 2018

- 15 [Rookie Roundup – Phone](#)

June 2018

- 9-11 [June VHF](#)
16 [Kid's Day](#)
23-24 [Field Day](#)

July 2018

- 9-11 [IARU HF World Championship](#)

August 2018

- 4-5 [222 MHz & Up Distance Contest](#)
18-19 [10 GHz and Up – Round 1](#)
19 [Rookie Roundup - RTTY](#)

September 2018

- 8-10 [EME - 2.3 GHz & Up](#)
15-16 [September VHF](#)
29-30 [10 GHz & Up - Round 2](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

11/04/2017 | [Georgia State Convention](#)

Location: Lawrenceville, GA
Type: ARRL Convention
Sponsor: Alford Memorial Radio Club
Website: <http://stonemountainhamfest.com/>

11/11/2017 | [HamJam 2017](#)

Location: Alpharetta, GA
Type: ARRL Convention
Sponsor: North Fulton Amateur Radio League
Website: <http://hamjam.info/>

01/13/2018 | [Georgia State ARES Convention & Meeting](#)

Location: Forsyth, GA
Type: ARRL Convention
Sponsor: Georgia ARES
Website: <http://gaares.org/>

01/20/2018 | [GARS TechFest Convention](#)

Location: Lawrenceville, GA
Type: ARRL Convention
Sponsor: Gwinnett Amateur Radio Society
Website: <http://techfest.info>



02/09/2018 | [Florida State Convention \(Orlando HamCation\)](#)

Location: Orlando, FL
Type: ARRL Convention
Sponsor: Orlando Amateur Radio Club
Website: <http://www.hamcation.com>

Note: When searching by division, remember some states adjacent to GA are in different divisions:

Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC



GARS Events Calendar for 2017 / 2018

Dog Show Fundraisers	February and August
Tech HamCrams	March and October
TechFest (www.techfest.info)	January 20 (2018)
Winter Field Day	January 27 & 28 (2018)
Georgia QSO Party	April 14 & 15 (2018)
North metro area Fox Hunt	April
May Madness	May
Memorial Day Parade	May 28 (2018)
ARC/KARC Hamfest	June 2 (2018)
Field Day	June 23 & 24 (2018)
General HamCram	July
JOTA	October
Maker Faire	October
Stone Mt. Hamfest	Nov 4 & 5
Christmas Party	December 1



GARS Recurring Calendar

- ◆ 2nd Tuesday of the month: Monthly club meeting at 7 pm
- ◆ 3rd Tuesday of the month: Monthly Training Workshop at 7 pm
- ◆ 2nd Sunday of the Month: GARS Ham Exam Session, at 2:00 pm Fire Station #24
2735 Mall of Georgia Blvd
Buford, GA 30519
- ◆ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater
- ◆ Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater
- ◆ Every Saturday at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, 2155 Riverside Parkway Lawrenceville, GA 30043

December GARS Christmas Party

December 1

EAA Hangar

GARS CALENDAR OF EVENTS FOR NOVEMBER 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
October 29	October 30	October 31	1	2	3	4 Breakfast Stone Mountain HamFest Day 1
5 Daylight Saving Time Stone Mountain HamFest Day 2	6 7:30 - 8:00 pm GARS 2m Net	7	8	9	10	11 Breakfast Veterans Day HamJam Alpharetta, GA
12 GARS VE Team Testing Session Starts at 2:00 pm Gwinnett Co. Fire Station #24	13 7:30 - 8:00 pm GARS 2m Net	14 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Meeting	15	16	17	18 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
19	20 7:30 - 8:00 pm GARS 2m Net	21 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm Training Workshop	22	23 	24 	26 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
26	27 7:30 - 8:00 pm GARS 2m Net	29	20	30	December 1 GARS CHRISTMAS PARTY	December 2 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive

Metro Testing Sessions	Ham Exam Results	Metro Club Meetings
<p>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at http://www.arrl-ga.org.</p> <p>First Sunday, ODD Months 2 pm (Jan, Mar, May, Jul, Sep, & Nov) VEC: WCARS Braselton Public Utility Building 4986 Highway 53, Braselton, GA Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560 w4rlg@bellsouth.net</p> <p>First Sunday, EVEN Months 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) VEC: WCARS Hall County EOC 470 Crescent Dr. Gainesville, Ga. Perry Roper, KO4RD (770) 536-3056</p> <p>Second Saturday 10:00 AM Alpharetta North Park, Adult Activities Center 13450 Cogburn Rd, Alpharetta, GA 30004 Ian Kahn, KM4IK E-mail: km4ik.ian@gmail.com</p> <p>Second Saturday, ODD Months VEC: ARRL 8:30 a.m. GMC Community Ctr 5325 Leon St. Stone Mountain, GA Frank Haynes, KV4SP (678) 467-3712</p> <p>Second Sunday VEC: W5YI 2 pm Fire Station #24 Mall of Georgia Boulevard Buford, GA 30519 Contact: Dave Bruse, W4DTR E-mail: exams@gars.org</p> <p>Third Saturday VEC: W5YI 2 pm @ Barrow Co. Emerg. Serv. Bldg 66 McElroy Street Winder, GA 30680 Steve Donellan, N5SMD (404) 520-0368 E-mail: n5smd@comcast.net</p> <p>(cont. next column)</p>	<p>October Results</p> <p>We had a very successful test session Sunday, October 8. Six applicants were tested and all six passed:</p> <ul style="list-style-type: none"> ◆ Three new Technician licensees; ◆ Three upgrades to General. <p>Thanks to the following VE's that help make this session possible:</p> <p>Dave Bruse, W4DTR, CVE Steve Back, WB2OGY Don Bagby, KK4NJM, Co-CVE Russell Prevost, KN4CGO Pam Meridy, WB1AKQ Frank Hayes, KV4SP</p> <p>73, <i>Sid Weaver</i>, N4NQ (Co-CVE)</p> <p>GARS VE Team Leaders E-mail: exams@gars.org</p> <p>GARS VE Website: http://groups.yahoo.com/group/GARS_VE_Team/</p>	<p>First Tuesday Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p>First Thursday Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In -146.820(-)</p> <p>N.E. Georgia ARC Commerce Public Library 1344 South Broad Street, Commerce Meeting is at 6:30pm Talk In - 147.225(+), PL 123.0</p> <p>Second Monday Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p>Second Thursday Alford Memorial Radio Club Annistown Road Baptist Church Annistown Rd & Spain Rd Stone Mountain Dinner at 6:00pm, Meeting at 7:30pm Talk In - 146.760(-)</p> <p>Second Saturday North GA QRP Club Board Room of The Shepherd Center 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p>Third Tuesday North Fulton Amateur Radio League Alpharetta Recreation & Parks Dept Alpharetta Adult Activity Center 13450 Cogburn Road Alpharetta, GA 30004 meeting at 7:30pm Talk In - 145.47(-)</p> <p>For more information, go to: http://www.gars.org/</p>

Serving You From Coast to Coast and Around the World



Order Toll-Free From a Location Near You

Or Take Advantage of Secure 24-Hour Ordering:

<http://www.hamradio.com>



If your closest 800 number is busy, please call one of our other numbers.

Phone Hours: 9:30 am to 5:30 pm Monday – Saturday

All Stores Open 10am - 5:30pm Monday - Saturday

24-Hour FAX Order Lines at all Store Locations



ATLANTA, GA 30340

6071 Buford Hwy, Doraville

1 mile north of I-285

(770) 263-0700

(800) 444-7927

24 Hour FAX (770) 263-9548

Email: atlanta@hamradio.com

Manager:

Mark KJ4VO

David AI4XL

Denise

Josh W4JDH

Jim N1ABM

James KK4WNX

Ken KI4BQS

Ray W4GQQ

Harold KD8DVY

Toll Free Numbers:

Northeast (800) 644-4476

West (800) 854-6046

Southeast (800) 444-7927

Mountain (800) 444-9476

Mid-Atlantic (800) 444-4799

New England (800) 444-0047



Ham Radio Outlet App available at:



**INTERBOROREFRIGERATION
HVAC/R**

All branch Ice Machine Walk-in Box Cooler

Licensed by E.P.A.

Central A/C - Heater and Water Heater

All Commercial Refrigeration Systems

Ice Cream Freezer

All Jobs Guaranteed

30 years of Experience

Tel.: 670-816-8744

Email: cel-piloto52@hotmail.com

Address: 470 Bay lake pass, Lawrenceville, GA 30046

Luis Castellanos
owner



Real Estate Broker

**Century 21
21 Results Realty**

Buying* Selling* Investing
For Any Real Estate
Matters

There has never been a
better time to invest in Real
Estate

**Inventory is LOW
It's a Seller's Market**

Sharon@
SharonAdcock.com
Cell: 404-428-9127
eFax 678-679-1383



Not intended

Finally
A clog-free gutter
with no fine print.

You'll never have to clean your gutters again. The Real Gutter Protector's Waterloov® System uses a patented design that slows water more effectively and draws water in more completely, with smaller openings that keep out more debris. <http://www.realgutterprotector.com>

Atlanta, Georgia - (770) 630-1582